MI Access™
Michigan's Alternate Assessment Program

Functional Independence

Mathematics

Official Released Items

Grade 4

Fall 2007
Official Released Items

MICHIGAN STATE BOARD OF EDUCATION
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The Grade 4 Functional Independence Mathematics Assessment was administered for the first time in Fall 2005. Beginning with this administration, the Office of Educational Assessment and Accountability (OEAA) will annually release a portion of the items that are administered on the assessment. This booklet contains released items from the Fall 2007 administration and is intended to be used by districts to assist in their interpretation of item analysis data. The information contained in this booklet may also be used by schools, teachers, and parents as a resource for understanding the content and format of the assessment items. In addition to MI-Access training materials and Extended Grade Level Content Expectations (EGLCE), the released items may also have utility in informing decisions related to instruction, curriculum, and assessment. These items are **not** secure and may be copied and distributed as needed.

The table below lists the number of core and released items administered on the Fall 2007 Grade 4 assessment booklet. Core items are those that count toward students' scores. All released items in this booklet were selected from the pool of core items that appeared on the assessment.

Functional Independence Mathematics Grade 4

Mathematics Strand	Number of Core Items
Numbers and Operations	16
Measurement	8
Geometry	4
Data and Probability	2
Total Core Items/Points	**30**
Released Items	**10 (Numbers vary by strand and topic.)**

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DIRECTIONS: Read each question. Choose the **BEST** answer for each question.

Use the pattern below to answer question **R1**.

R1 Which shape comes **next** in the pattern?

A

B

C

Use the picture below to answer question **R2**.

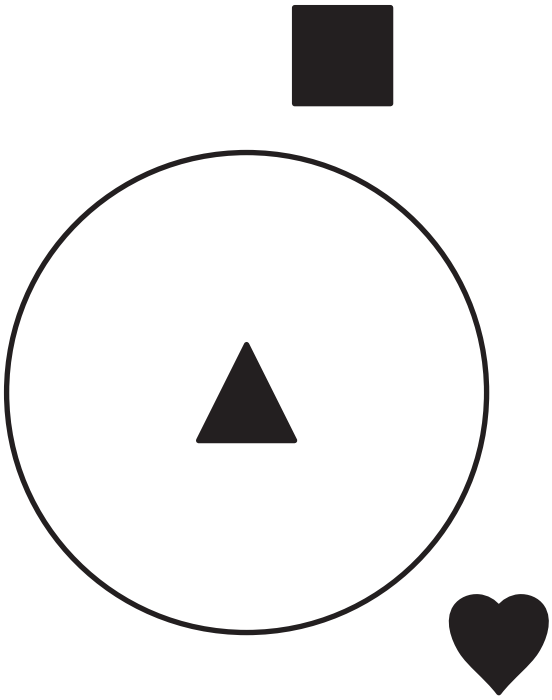
R2 What time should the blank clock read in the pattern?

A 1:00

B 5:00

C 7:00

Use the figure below to answer question **R3**.



R3 Where is the triangle ?

A outside the circle

B above the circle

C inside the circle

Use the graph below to answer question **R4**.

Flowers Picked

Monday	
Wednesday	
Friday	

R4 The graph shows how many flowers were picked each day.

On which day were the **most** flowers picked?

A Monday

B Wednesday

C Friday

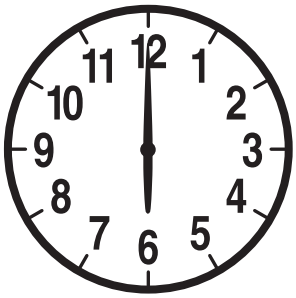
R5 Which of the following is **equal** to 12?

A 1 + 2

B 8 + 2

C 10 + 2

R6 What time is shown on the clock?



A 12:00

B 6:00

C 1:00

R7 It is 4:00 now.

What time will it be in 1 hour?

A 7:00

B 6:00

C 5:00

Use the coin below to answer question **R8**.

R8 Which set of coins has the **same** value as the coin above?

A

B

C

Use the coins below to answer question **R9**.

R9 How many dimes are shown?

A 2

B 3

C 5

R10 Sara has 6 books on the bookshelf and 2 books on the table.

How many books does she have **altogether**?

A 4

B 8

C 10

Do Not Continue.

Do not continue until instructed to do so.

Below is a list of the Extended Grade Level Content Expectations (EGLCE) for each released item found in this booklet. The chart contains the EGLCE code, a brief description of what is measured, and the correct answer for each released item.

Because the assessment was administered during the **fall** of the school year, only content from the *previous* grade level was measured on the assessment. For example, items eligible for the Grade 4 assessment will measure the Grade 3 EGLCE.

Full descriptions of the EGLCE contained in the chart below are available for review and download at **www.mi.gov/mi-access**.

Released Item	EGLCE Code	STRAND or Abbreviated Extended GLCE Descriptor	Answer Key
		DATA AND PROBABILITY	
R4	D.RE.03.EG02	Read pictographs	B
		GEOMETRY	
R1	G.SR.03.EG04	Predict the next element in a geometric pattern	A
R3	G.LO.03.EG02	Use relative position of objects on a plane and in space	C
		MEASUREMENT	
R6	M.UN.03.EG05	Tell time on a clock to the hour	B
R7	M.PS.03.EG06	Solve measurement word problems	C
R8	M.UN.03.EG08	Match denominations coins/bills	A
R9	M.UN.03.EG07	Identify different denominations of coins and bills	B
		NUMBERS AND OPERATIONS	
R2	N.MR.03.EG09	Create, describe, and extend number patterns	B
R5	N.ME.03.EG02	Recognize representations for whole numbers to 100	C
R10	N.FL.03.EG16	Calculate sums and differences	B

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